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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	DEC 01	ChemPort single article sales feature unavailable
NEWS 3	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS 4	APR 07	STN is raising the limits on saved answers
NEWS 5	APR 24	CA/CAplus now has more comprehensive patent assignee information
NEWS 6	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS 7	APR 28	CAS patent authority coverage expanded
NEWS 8	APR 28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 9	APR 28	Limits doubled for structure searching in CAS REGISTRY
NEWS 10	MAY 08	STN Express, Version 8.4, now available
NEWS 11	MAY 11	STN on the Web enhanced
NEWS 12	MAY 11	BEILSTEIN substance information now available on STN Easy
NEWS 13	MAY 14	DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format
NEWS 14	MAY 15	INPADOCDB and INPAFAMDB enhanced with Chinese legal status data
NEWS 15	MAY 28	CAS databases on STN enhanced with NANO super role in records back to 1992
NEWS 16	JUN 01	CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS 17	JUN 26	NUTRACEUT and PHARMAML no longer updated
NEWS 18	JUN 29	IMSCOPROFILE now reloaded monthly
NEWS 19	JUN 29	EPFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields
NEWS 20	JUL 09	PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS 21	JUL 14	USGENE enhances coverage of patent sequence location (PSL) data
NEWS 22	JUL 14	CA/CAplus to be enhanced with new citing references features

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:42:07 ON 15 JUL 2009

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 09:42:31 ON 15 JUL 2009

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2009 HIGHEST RN 1162342-48-4
DICTIONARY FILE UPDATES: 13 JUL 2009 HIGHEST RN 1162342-48-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

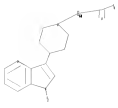
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

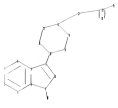
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10-509279genAx.str





chain nodes :
19 21 22 23 25
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
chain bonds :
7-10 9-19 13-21 21-22 22-25 22-23
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15
exact/norm bonds :
5-7 6-9 7-8 8-9 9-19 10-11 10-15 11-12 12-13 13-14 13-21 14-15 22-25
22-23
exact bonds :
7-10 21-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

G1:C,N

G2:C,H

G3:C,H,O,Cl,Br,F,I

G4:O,N

G5:H,Cy

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 19:CLASS 21:Atom 22:CLASS 23:CLASS
25:CLASS

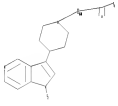
L1 STRUCTURE UPLOADED

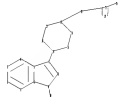
=> d l1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=>
Uploading C:\Program Files\Stnexp\Queries\10-509279genBx.str





chain nodes :
19 21 22 23 25

```
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15
chain bonds :
7-10  9-19  13-21  21-22  22-25  22-23
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9  10-11  10-15  11-12  12-13  13-14
 14-15
exact/norm bonds :
5-7  6-9  7-8  8-9  9-19  10-11  10-15  11-12  12-13  13-14  13-21  14-15  22-25
22-23
exact bonds :
7-10  21-22
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


G1:C,N

G2:C,H

G3:C,H,O,Cl,Br,F,I

G4:O,N

G5:H,Cy

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  19:CLASS  21:Atom  22:CLASS  23:CLASS
25:CLASS



L2      STRUCTURE UPLOADED

=> d l2
L2 HAS NO ANSWERS
L2                STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.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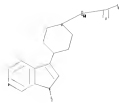

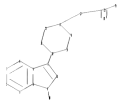

```
chain nodes :
19  21  22  23  25
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15
chain bonds :
7-10  9-19  13-21  21-22  22-25  22-23
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9  10-11  10-15  11-12  12-13  13-14
 14-15
exact/norm bonds :
5-7  6-9  7-8  8-9  9-19  10-11  10-15  11-12  12-13  13-14  13-21  14-15  22-25
22-23
exact bonds :
7-10  21-22
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


G1:C,N

G2:C,H

G3:C,H,O,Cl,Br,F,I

G4:O,N
```

G5:H,Cy

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 19:CLASS 21:Atom 22:CLASS 23:CLASS
25:CLASS

L3 STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

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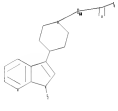
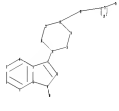
Uploading C:\Program Files\Stnexp\Queries\10-509279genDx.str





chain nodes :
19 21 22 23 25

```
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15
chain bonds :
7-10  9-19  13-21  21-22  22-25  22-23
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9  10-11  10-15  11-12  12-13  13-14
 14-15
exact/norm bonds :
5-7  6-9  7-8  8-9  9-19  10-11  10-15  11-12  12-13  13-14  13-21  14-15  22-25
22-23
exact bonds :
7-10  21-22
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


G1:C,N

G2:C,H

G3:C,H,O,Cl,Br,F,I

G4:O,N

G5:H,Cy

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  19:CLASS  21:Atom  22:CLASS  23:CLASS
25:CLASS



L4      STRUCTURE UPLOADED

=> d l4
L4 HAS NO ANSWERS
L4                STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss full
FULL SEARCH INITIATED 09:44:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     3767 TO ITERATE

100.0% PROCESSED     3767 ITERATIONS                                 8 ANSWERS
SEARCH TIME: 00.00.01

L5             8 SEA SSS FUL L1

=> s l2 sss full
FULL SEARCH INITIATED 09:44:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    20284 TO ITERATE

100.0% PROCESSED    20284 ITERATIONS                                 4 ANSWERS
SEARCH TIME: 00.00.02

L6             4 SEA SSS FUL L2
```

```
=> s l3 sss full
FULL SEARCH INITIATED 09:44:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      6401 TO ITERATE

100.0% PROCESSED      6401 ITERATIONS                                  9 ANSWERS
SEARCH TIME: 00.00.01

L7             9 SEA SSS FUL L3

=> s l4 sss full
FULL SEARCH INITIATED 09:45:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      4550 TO ITERATE

100.0% PROCESSED      4550 ITERATIONS                                 25 ANSWERS
SEARCH TIME: 00.00.02

L8            25 SEA SSS FUL L4

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   744.00     744.22

FILE 'CAPLUS' ENTERED AT 09:45:37 ON 15 JUL 2009
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FILE COVERS 1907 - 15 Jul 2009  VOL 151 ISS 3
FILE LAST UPDATED: 14 Jul 2009  (20090714/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Apr 2009

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

The ALL, BIB, MAX, and STD display formats in the CA/CAplus family
of databases will soon be updated to include new citing references
information.  This enhancement may impact record import into
database management software.  For additional information, refer
to NEWS 22.

=> s l5
```

```
L9             5 L5

=> s l6
L10            2 L6

=> s l7
L11            6 L7

=> s l8
L12           10 L8

=> s l9 or l10 or l11 or l12
L13           15 L9 OR L10 OR L11 OR L12

=> s l13 and pd<20020700
      22800249 PD<20020700
                (PD<20020700)
L14            4 L13 AND PD<20020700

=> d l14 1-4 abs ibib hitstr

L14  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2009 ACS on STN
GI
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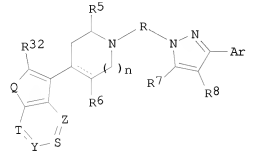
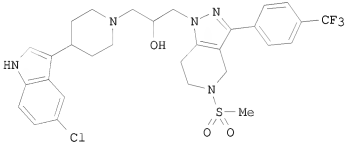


I



II

AB Title compds. I [wherein Ar = (un)substituted mono- or bicyclic (hetero)aryl; G = (un)substituted alkenediyl or alkanediyl; Q = O, S, or (un)substituted N; S, T, Y, and Z = independently N or (un)substituted C; R5 and R6 = independently H or alkyl; R7 and R8 = independently H, alkyl, alkenyl, alkoxy, alkylthio, halo, carbocyclyl, or heterocyclyl; or R7R8 = (un)substituted carbocyclic or heterocyclic ring; R32 = H, (hydroxy)alkyl, CN, acyl, carbamoyl, CHO, or alkoxycarbonyl; n = 0-2; or pharmaceutically acceptable salts, amides, esters, or stereoisomers thereof] were prepared as cathepsin S inhibitors for the treatment of an allergic condition, including an atopic allergic conditions. For example, 1-methanesulfonylpiperidin-4-one (preparation given) was condensed with

morpholine in the presence of TsOH to give the enamine. Reaction with 4-CF3C6H4COCl, followed by cycloaddn. with H2NNH2, gave 5-methanesulfonyl-3-(4-trifluoromethylphenyl)-4,5,6,7-tetrahydro-1H-pyrazol[4,3-c]pyridine (72%). Alkylation with epichlorohydrin (35%) and addition of 5-chloro-3-piperidin-4-yl-1H-indole (preparation given) afforded II (88%). The latter inhibited recombinant human cathepsin S with IC50 of 0.07 μM.

ACCESSION NUMBER: 2002:184900 CAPLUS
DOCUMENT NUMBER: 136:247577
TITLE: Preparation of 3-phenyl-4,5,6,7-tetrahydropyrazolo[4,3-c]pyridines as cathepsin S inhibitors for treating allergies
INVENTOR(S): Cai, Hui; Edwards, James P.; Gu, Yin; Karlsson, Lars; Meduna, Steven P.; Pio, Barbara A.; Sun, Siquan; Thurmond, Robin L.; Wei, Jianmei
PATENT ASSIGNEE(S): Ortho McNeil Pharmaceutical, Inc., USA
SOURCE: PCT Int. Appl., 115 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 2002020013	A2	20020314	WO 2001-US27480	20010905	<--
WO 2002020013	A3	20020620			
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
US 20020040019	A1	20020404	US 2001-927188	20010810	<--
US 6635633	B2	20031021			
CA 2421510	A1	20020314	CA 2001-2421510	20010905	<--
AU 2001088731	A	20020322	AU 2001-88731	20010905	<--
EP 1315492	A2	20030604	EP 2001-968487	20010905	
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
JP 2004508330	T	20040318	JP 2002-524497	20010905	
JP 4129391	B2	20080806			
CN 1505509	A	20040616	CN 2001-818504	20010905	
CN 1321641	C	20070620			
NZ 524682	A	20041126	NZ 2001-524682	20010905	
RU 2259202	C2	20050827	RU 2003-106190	20010905	
AU 2001288731	B2	20051215	AU 2001-288731	20010905	
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ES 2309088	T3	20081216	ES 2001-968487	20010905	
IN 2003KN00264	A	20041009	IN 2003-KN264	20030303	
MX 2003001962	A	20040326	MX 2003-1962	20030305	
HK 1052881	A1	20090130	HK 2003-105185	20030717	
US 20050234102	A1	20051020	US 2005-147923	20050608	
US 7265102	B2	20070904			

PRIORITY APPLN. INFO.:			
	US 2000-230407P	P	20000906
	US 2001-927188	A	20010810
	US 2000-225178P	P	20000814
	WO 2001-US27480	W	20010905

OTHER SOURCE(S): MARPAT 136:247577

IT 400801-80-1P, 4-(1H-Pyrrolo[3,2-c]pyridin-3-yl)-piperidine-1-carboxylic acid tert-butyl ester 400801-83-4P, 4-(1H-Pyrrolo[2,3-b]pyridin-3-yl)-piperidine-1-carboxylic acid tert-butyl ester 400801-86-7P, 4-(5-Morpholin-4-yl-1H-pyrrolo[2,3-c]pyridin-3-yl)-piperidine-1-carboxylic acid tert-butyl ester 400801-90-3P , 4-(6-Dimethylamino-1H-pyrrolo[3,2-c]pyridin-3-yl)-piperidine-1-carboxylic acid tert-butyl ester 400801-95-8P, 4-(6-Morpholin-4-yl-1H-pyrrolo[3,2-c]pyridin-3-yl)-piperidine-1-carboxylic acid tert-butyl ester 400801-99-2P, 4-(6-Morpholin-4-yl-5-oxy-1H-pyrrolo[3,2-c]pyridin-3-yl)-piperidine-1-carboxylic acid tert-butyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of phenylpyrazolopyridine antiallergy agents from piperidinones, benzoyl chlorides, and hydrazine)

RN 400801-80-1 CAPLUS
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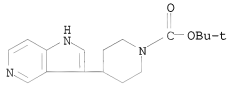
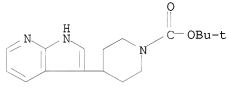
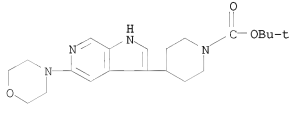


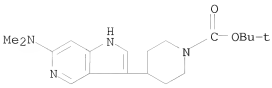
RN 400801-83-4 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-(1H-pyrrolo[2,3-b]pyridin-3-yl)-, 1,1-dimethylethyl ester (CA INDEX NAME)



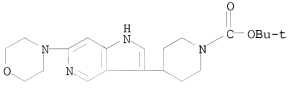
RN 400801-86-7 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[5-(4-morpholinyl)-1H-pyrrolo[2,3-c]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



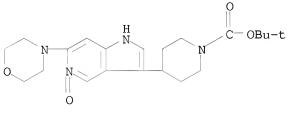
RN 400801-90-3 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[6-(dimethylamino)-1H-pyrrolo[3,2-c]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 400801-95-8 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[6-(4-morpholinyl)-1H-pyrrolo[3,2-c]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 400801-99-2 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[6-(4-morpholinyl)-5-oxido-1H-pyrrolo[3,2-c]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Substituted pyrazoles I, methods of manufacturing them, compns. containing them, and
methods of using them to treat, for example, autoimmune diseases mediated by cathepsin S, are described [W, X, Y, Z = N, (un)substituted CH (0-3 of them may be N; or 1 can be N-oxide when other 3 ≠ N); R = H, alkyl, cyano, hydroxyalkyl, acyl, CHO, alkoxycarbonyl, or (un)substituted carbamoyl; R1, R2 = H, alkyl; R3, R4 = H, alkyl, alkenyl, alkoxy, alkylthio, halo, or 4- to 7-membered carbo- or heterocyclyl; or R3R4 = atoms to form (un)substituted (un)saturated (non)aromatic 5- to 7-membered carbo-
or heterocyclic ring; Ar = (un)substituted mono- or bicyclic (hetero)aryl; n = 0-2; G = (un)substituted C3-6 alkanediyl or alkenediyl (substituents = OH, halo, oxo, aminoalkyl, etc.); Q = O, S, (un)substituted NH; including stereoisomers, pharmaceutically acceptable salts, esters, and amides].

Claimed uses include treatment of lupus, rheumatoid arthritis, and particularly asthma, and inhibition of tissue transplant rejection. Approx. 70 individual compds. I were prepared and/or claimed, with detailed prepns. given for 13 compds. For instance, 6-(morpholin-4-yl)-3-(piperidin-4-yl)-1H-pyrrolo[3,2-c]pyridine (prepared in 5 steps) reacted with the corresponding epoxide (prepared in several steps) to give title compound II, a preferred compound In an assay for inhibition of recombinant human cathepsin S in vitro, II had an IC50 of 0.02 μM. Compound III is another one of four specifically preferred compds.

ACCESSION NUMBER: 2002:142709 CAPLUS
DOCUMENT NUMBER: 136:200183
TITLE: Substituted and/or fused pyrazoles, particularly indolylpiperidinylpropyl-substituted pyrazolopyridines, useful as cathepsin S inhibitors, and their pharmaceutical compositions and use as immunosuppressants
INVENTOR(S): Cai, Hui; Edwards, James P.; Meduna, Steven P.; Pio, Barbara A.; Wei, Jianmei
PATENT ASSIGNEE(S): Ortho McNeil Pharmaceutical, Inc., USA
SOURCE: PCT Int. Appl., 119 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002014317	A2	20020221	WO 2001-US25180	20010810 <--
WO 2002014317	A3	20020704		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2419550	A1	20020221	CA 2001-2419550	20010810 <--
AU 2001084823	A	20020225	AU 2001-84823	20010810 <--
US 20020040019	A1	20020404	US 2001-927188	20010810 <--
US 6635633	B2	20031021		
EP 1309592	A2	20030514	EP 2001-963912	20010810
EP 1309592	B1	20060426		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004512273	T	20040422	JP 2002-519457	20010810
NZ 524192	A	20050225	NZ 2001-524192	20010810
CN 1255405	C	20060510	CN 2001-817068	20010810
AT 324372	T	20060515	AT 2001-963912	20010810
RU 2278863	C2	20060627	RU 2003-107014	20010810
AU 2001284823	B2	20061130	AU 2001-284823	20010810
ES 2262674	T3	20061201	ES 2001-963912	20010810
CN 1982308	A	20070620	CN 2006-10146464	20010810
MX 2003001420	A	20040126	MX 2003-1420	20030214
IN 2003KN00191	A	20051202	IN 2003-KN191	20030214
ZA 2003002051	A	20040625	ZA 2003-2051	20030313
ZA 2003002056	A	20040702	ZA 2003-2056	20030313
US 20030225062	A1	20031204	US 2003-402694	20030328
US 6936603	B2	20050830		
US 20030225063	A1	20031204	US 2003-402696	20030328

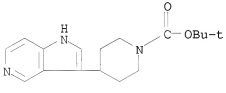
US 6951851	B2	20051004			
US 20030229075	A1	20031211	US 2003-401486		20030328
US 6949540	B2	20050927			
HK 1052705	A1	20060929	HK 2003-105032		20030711
US 20040044027	A1	20040304	US 2003-638032		20030808
US 20050234102	A1	20051020	US 2005-147923		20050608
US 7265102	B2	20070904			
PRIORITY APPLN. INFO.:			US 2000-225178P	P	20000814
			US 2001-927188	A	20010810
			CN 2001-817066	A3	20010810
			US 2001-927324	A	20010810
			WO 2001-US25180	W	20010810
			US 2003-401486	A1	20030328

OTHER SOURCE(S): MARPAT 136:200183

IT 400801-80-1P, 4-(1H-Pyrrolo[3,2-c]pyridin-3-yl)piperidine-1-carboxylic acid tert-butyl ester 400801-83-4P, 4-(1H-Pyrrolo[2,3-b]pyridin-3-yl)piperidine-1-carboxylic acid tert-butyl ester 400801-86-7P, 4-(5-Morpholin-4-yl-1H-pyrrolo[2,3-c]pyridin-3-yl)piperidine-1-carboxylic acid tert-butyl ester 400801-90-3P, 4-(6-Dimethylamino-1H-pyrrolo[3,2-c]pyridin-3-yl)piperidine-1-carboxylic acid tert-butyl ester 400801-95-8P, 4-(6-Morpholin-4-yl-1H-pyrrolo[3,2-c]pyridin-3-yl)piperidine-1-carboxylic acid tert-butyl ester 400801-99-2P, 4-(6-Morpholin-4-yl-5-oxy-1H-pyrrolo[3,2-c]pyridin-3-yl)piperidine-1-carboxylic acid tert-butyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of indolylpiperidinylpropyl-substituted pyrazolopyridines and analogs as cathepsin S inhibitors)

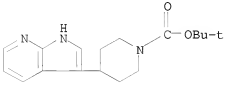
RN 400801-80-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(1H-pyrrolo[3,2-c]pyridin-3-yl)-, 1,1-dimethylethyl ester (CA INDEX NAME)



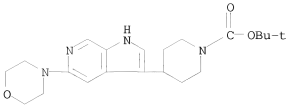
RN 400801-83-4 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(1H-pyrrolo[2,3-b]pyridin-3-yl)-, 1,1-dimethylethyl ester (CA INDEX NAME)

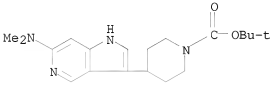


RN 400801-86-7 CAPLUS

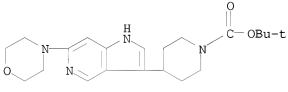
CN 1-Piperidinecarboxylic acid, 4-[5-(4-morpholinyl)-1H-pyrrolo[2,3-c]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



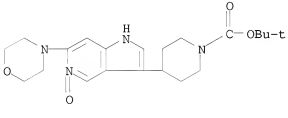
RN 400801-90-3 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[6-(dimethylamino)-1H-pyrrolo[3,2-c]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 400801-95-8 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[6-(4-morpholinyl)-1H-pyrrolo[3,2-c]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 400801-99-2 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[6-(4-morpholinyl)-5-oxido-1H-pyrrolo[3,2-c]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
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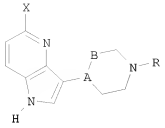


I

AB The title compds. [I; AB = C:CH, CHCH2; R = H, C1-6 alkyl, PhCH2, phenylethyl; X = NR1SO2R2, NHC(Q)NR3R4, NHC(O)OR5, NR1C(O)R6 (wherein Q = O, S; R1 = H, C1-4 alkyl; R2 = C1-4 alkyl, (un)substituted Ph; R3, R4 = H, C1-6 alkyl, C3-6 alkenyl, etc.; R3R4 together with the nitrogen atom to which they are attached = pyrrolidine, piperidine, (un)substituted piperazine, etc.; R5 = C1-6 alkyl, C3-6 alkenyl, (un)substituted Ph, etc.; R6 = C1-10 alkyl, C2-10 alkenyl, C2-10 alkynyl, etc.)], useful in treating conditions associated with 5-HT1F activation such as migraine or chronic pain, and for the prevention or inhibition of neuronal protein extravasation, were prepared and formulated. Thus, reaction of 5-amino-3-(1-methylpiperidin-4-yl)pyrrolo[3,2-b]pyridine (preparation described) with cyclopropanecarbonyl chloride in pyridine afforded 56% I [AB = CHCH2; R = Me; X = N-(cyclopropanecarbonyl)amino]. Compds. I are effective at 0.1-15 mg/kg/day.

ACCESSION NUMBER: 1998:650038 CAPLUS
DOCUMENT NUMBER: 129:275837
ORIGINAL REFERENCE NO.: 129:56245a,56248a
TITLE: Preparation of pyrrolo[3,2-b]pyridines as 5-HT1F agonists
INVENTOR(S): Filla, Sandra Ann; Johnson, Kirk W.; Phebus, Lee A.; Schaus, John Mehnert
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: U.S., 32 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

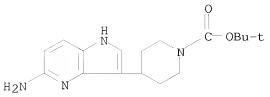
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5817671	A	19981006	US 1997-969851	19971114 <--
US 5919936	A	19990706	US 1998-112560	19980709 <--
US 5998622	A	19991207	US 1998-112562	19980709 <--

PRIORITY APPLN. INFO.: US 1997-969851 A3 19971114
OTHER SOURCE(S): MARPAT 129:275837

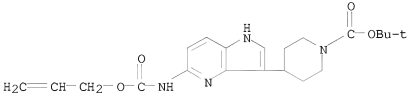
IT 207849-70-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of pyrrolo[3,2-b]pyridines as 5-HT1F agonists)

RN 207849-70-5 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(5-amino-1H-pyrrolo[3,2-b]pyridin-3-yl)-, 1,1-dimethylethyl ester (CA INDEX NAME)



IT 207849-83-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyrrolo[3,2-b]pyridines as 5-HT1F agonists)
RN 207849-83-0 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[5-[[(2-propen-1-yloxy)carbonyl]amino]-1H-pyrrolo[3,2-b]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2009 ACS on STN
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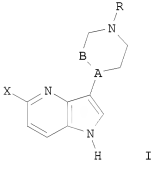

AB The title compds. [I; AB = C:CH, CHCH2; R = H, C1-6 alkyl, PhCH2, PhCH2CH2; X = NR1SO2R2, NHC(Q)NR3R4, NHC(O)OR5, NR1C(O)R6 (wherein Q = O, S; R1 = H, C1-4 alkyl; R2 = C1-4 alkyl, (un)substituted Ph; R3, R4 = H, C1-6 alkyl, C3-6 alkenyl, etc.; NR3R4 = pyrrolidino, piperidino, morpholino, etc.; R5 = C1-6 alkyl, C3-6 alkenyl, (un)substituted Ph, etc.; R6 = (un)substituted C1-10 alkyl, C2-10 alkenyl, C2-10 alkynyl, etc.)], 5-HT1F agonists useful in the treatment of migraine, chronic pain, and for the prevention or inhibition of neuronal protein extravasation, were prepared Thus, reaction of 5-amino-3-(1-methylpiperidin-4-yl)pyrrolo[3,2-b]pyridine (preparation described) with cyclopropylcarbonyl chloride in

pyridine afforded 56% I [AB = CHCH2; R = Me; X = N-(cyclopropylcarbonyl)amino]. Compds. I are effective at 0.1-15 mg/kg/day.

ACCESSION NUMBER: 1998:344364 CAPLUS
DOCUMENT NUMBER: 129:27901
ORIGINAL REFERENCE NO.: 129:5947a,5950a
TITLE: Preparation of pyrrolo[3,2-b]pyridines as 5-HT1F agonists
INVENTOR(S): Filla, Sandra Ann; Schaus, John Mehnert; Phebus, Lee Alan; Johnson, Kirk Willis
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: Eur. Pat. Appl., 50 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
EP 842934	A1	19980520	EP 1997-309106	19971112	<--
EP 842934	B1	20031029			
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ZA 9709961	A	19990505	ZA 1997-9961	19971105	<--
IN 1997CA02126	A	20050311	IN 1997-CA2126	19971111	
EP 1082958	A2	20010314	EP 2000-203526	19971112	<--
EP 1082958	A3	20021211			
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AT 253063	T	20031115	AT 1997-309106	19971112	
ES 2210463	T3	20040701	ES 1997-309106	19971112	
CA 2271272	A1	19980522	CA 1997-2271272	19971113	<--
WO 9820875	A1	19980522	WO 1997-US20630	19971113	<--
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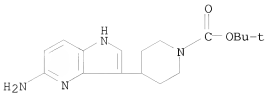
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
AU 9854352	A	19980603	AU 1998-54352	19971113	<--
JP 2001503774	T	20010321	JP 1998-522777	19971113	<--
NO 9901974	A	19990426	NO 1999-1974	19990426	<--

PRIORITY APPLN. INFO.:
US 1996-30950P P 19961115
EP 1997-309106 A3 19971112
WO 1997-US20630 W 19971113

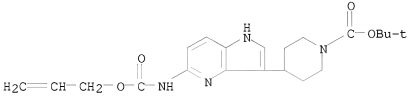
OTHER SOURCE(S): MARPAT 129:27901

IT 207849-70-5P 207849-83-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyrrolo[3,2-b]pyridines as 5-HT1F agonists)

RN 207849-70-5 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-(5-amino-1H-pyrrolo[3,2-b]pyridin-3-yl)-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 207849-83-0 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[5-[[(2-propen-1-yloxy)carbonyl]amino]-1H-pyrrolo[3,2-b]pyridin-3-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
STN INTERNATIONAL LOGOFF AT 10:23:11 ON 15 JUL 2009